

**DECLARATION
AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

Each inventor's residence, mailing address and citizenship are as stated below at 201 et seq. underneath each inventor's name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS AND APPARATUS
FOR CONTENT DELIVERY VIA APPLICATION
LEVEL MULTICAST WITH MINIMUM COMMUNICATION DELAY**

and for which a patent application:

- is attached hereto and includes amendment(s) filed on (*if applicable*)
- was filed in the United States on as Application No. with amendment(s) filed on (*if applicable*)
- was filed as PCT international Application No. on and was amended under PCT Article 19 on (N/A).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent, inventor's or plant breeder's certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith as follows:

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. 41,473), Stephen C. Kaufman (Reg. 29, 551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), Rafael A. Perez-Pineiro (Reg. 46,041) and Marian Underweiser (Reg. 46,134).

SEND CORRESPONDENCE TO:			George A. Willingham Attorney-At-Law 3201 New Mexico Avenue, N.W., Suite 350 Washington, D.C. 20016		DIRECT TELEPHONE CALLS TO: (202) 895-1394	
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2 0 3	FULL NAME OF INVENTOR	LAST NAME: ZHANG	FIRST NAME Li	MIDDLE NAME		
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2 0 4	FULL NAME OF INVENTOR	LAST NAME:	FIRST NAME:	MIDDLE NAME		
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 - ZHEN LIU	SIGNATURE OF INVENTOR 202 - ANTON RIABOV	SIGNATURE OF INVENTOR 203 - LI ZHANG
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204		
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	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR FOREIGN COUNTRY	ZIP CODE

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SIGNATURE OF INVENTOR #1 - ZHEN LIU	SIGNATURE OF INVENTOR #2 - ANTON RIABOV	SIGNATURE OF INVENTOR #3 - LI ZHANG
DATE	DATE <i>3/12/04</i>	DATE
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SIGNATURE OF INVENTOR NO. ZHEN LIU	SIGNATURE OF INVENTOR NO. ANTON RIAMIV	SIGNATURE OF INVENTOR NO. LI ZHANG
DATE	DATE	DATE 3/12/2004
NAME/ TITLE OF INVENTOR/INHM		
DATE		